

M80 CNC Simulator

Model Number: EDU M80 SIM

Mitsubishi Electric's EDU M80 SIM CNC Simulator incorporates the same equipment one would find on a standard CNC machine utilizing Mitsubishi Electric's state-of-the-art M80A control. With a multi-point touch screen and a broad array of push button controls, students have the ability to program, configure and run a multitude of different operations common in the CNC machining industry. This simulator is also interchangeable from a mill to a lathe with a simple parameter change.

PURPOSE

Designed for the classroom environment, this unit easily sits on a desktop and is portable. Utilizing Mitsubishi Electric's popular M80A control, the EDU M80 SIM replicates the interface used on machine tools commonly found on machining centers throughout the world. Students utilizing the EDU M80 SIM will learn how to run a CNC machine without the fear of physical damage. Students will learn simple programming operations such as setting tool and work offsets, testing variables, adjusting parameters, and so much more.



Simulator Features	Simulator Benefits
Touch screen and full QWERTY style key panel with durable resin keys	Replicates Mitsubishi Electric M80A control interface commonly found on machining centers throughout the world.
USB and SD card interface	Programs can be stored, created, edited, and run from SD and USB memory.
2D and 3D part simulation	Enables the student to review part design prior to machining cycle.
Ability to run 4+ 1 or 3+ 2 axis programs	Programing flexibility covers a multitude of CNC machines in various industries.
Tool center point control (3 linear + 1 rotary axis)	Allows students to learn setting tool and work offsets quickly and easily.
Navi mill/lathe conversion programming	Simulator can be set up for mill or lathe applications.

The following provides critical dimensions and estimated weight information.

Width: 13" Depth: 6" Height: 28" Weight: 24 lbs

Learn more about Mitsubishi Electric's Diamondworks! Workforce Development Program at: [Diamondworks](#)

View the complete offering of Mitsubishi Electric simulator solutions at: [Training Education Resources](#)

Contact us to learn more about Diamondworks! Workforce Development: Diamondworks@meau.com

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